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Cleaning of blanket cylinder of offset printing machine - by means of fabric pressed against cylinder surface whilst water jets are directed

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3907611	A	19900913	DE 3907611	A	19890309	199038 B
DE 3907611	C2	19940526	DE 3907611	A	19890309	199419

Priority Applications (No Type Date): DE 3907611 A 19890309

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3907611	C2		4	B41F-035/06	

Abstract (Basic): DE 3907611 A

The blanket cylinder (10) of an offset printing machine is cleaned by means of a strip of fabric (5) which is pressed against the blanket cylinder (10) by a pressure roller (4). The strip of fabric is unwound from a first roll (6) and is guided between the pressure roller (4) and blanket cylinder by guide bars (3). One of the guide bars supports a row of nozzles (2) which direct jets of water onto the fabric (5) before it comes into contact with the blanket cylinder. The fabric is impregnated with a dry cleaning medium which is soluble in water.

USE - Cleaning of offset printing machines. (4pp Dwg.No.1/2)

Abstract (Equivalent): DE 3907611 C

A cleaning cloth runs between stock and storage rollers and is moistened where it rides in below a contact pressure device. A dry washing agent (15) embedded in the cloth (5) dissolves in fluid in cloth areas (5a) which are loaded with water to activate the agent as compared with the interposed areas (5b) devoid of agent which (5b) are engaged with the cylinder surface for the drying action. The cloth presents a fleece of interlaced fibres (11) such that the powder in the fibre interstices (12) adheres at least in part to the fibres. The cloth is a calendered product and is edge (13)-guided where it runs into the pressure element (4), the cloth side leaving the element to be exposed to a wringer etc..

USE/ADVANTAGE - Printing, blanket cylinder cleaning. Interlaced cloth fibres with adhered soap powder offer water dissolved-contact washing action and dust reduction. Dwg.1,2/2